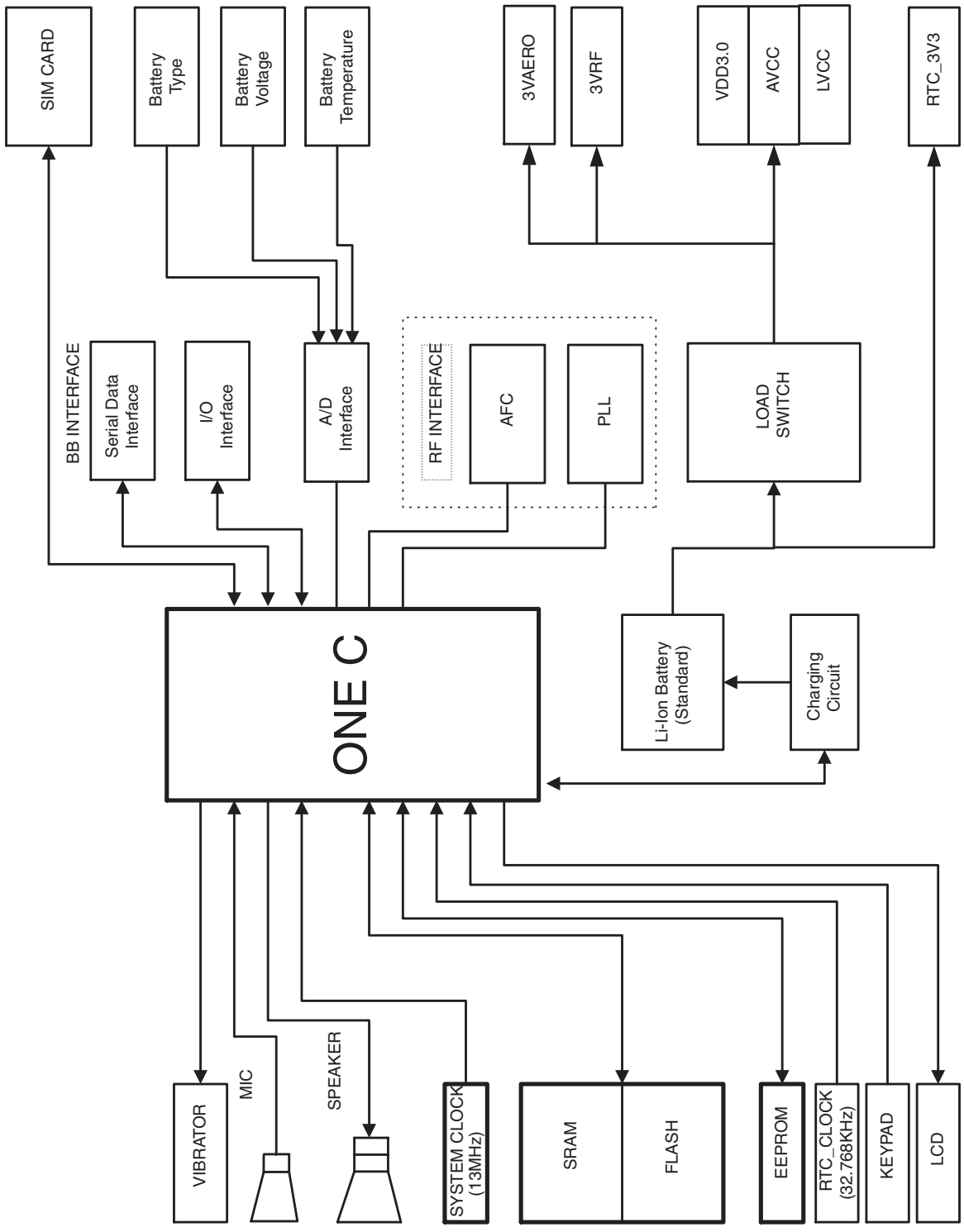
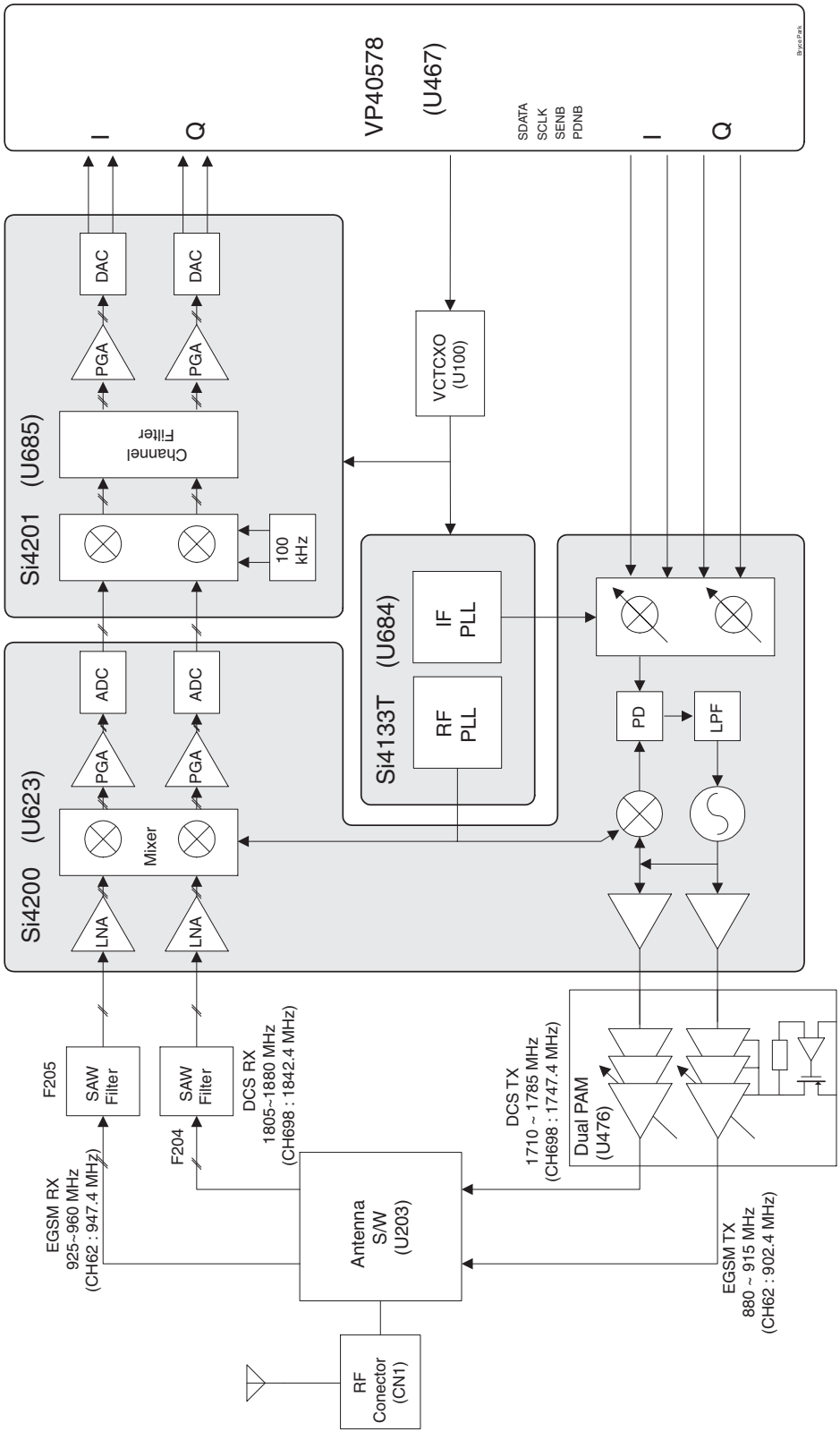
4. Block Diagrams

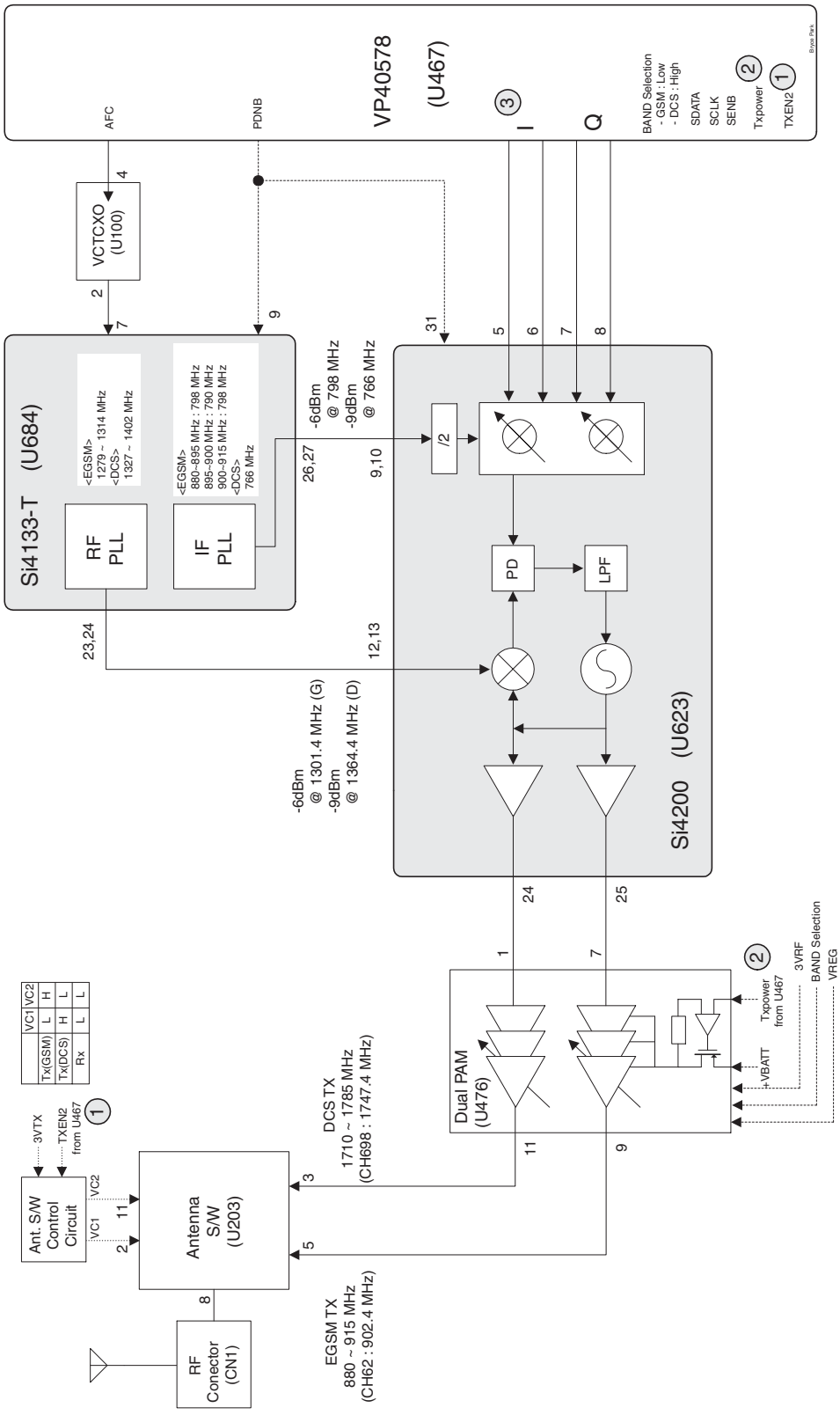
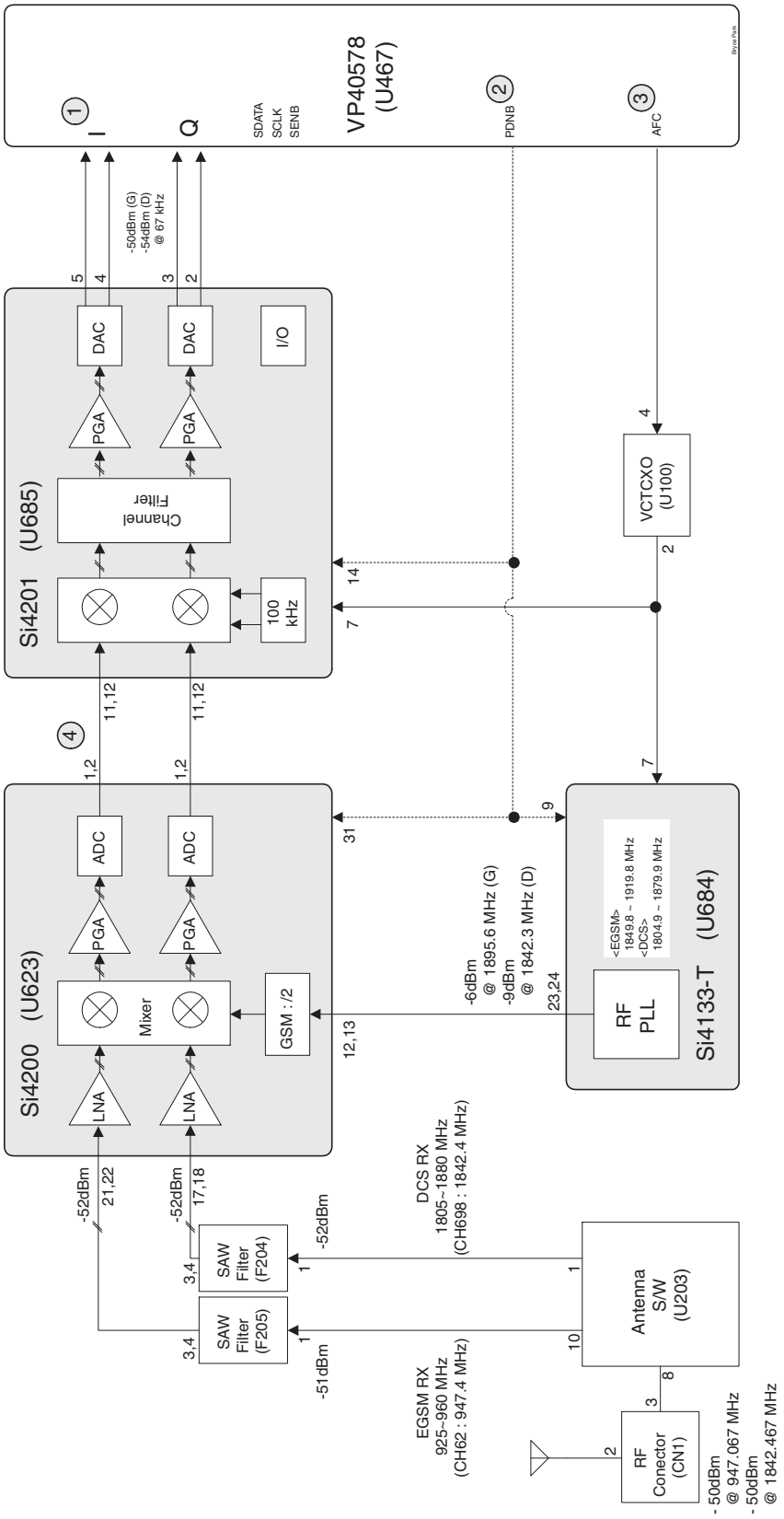
4-1 Main Baseband



4-2 Main RF


VP40578
(U467)
I
Q
SDATA
SCLK
SENB
PDNB
VCTCXO
(U100)
Si4201 (U685)
DAC
PGA
Channel Filter
100 kHz
Si4133T (U684)
IF PLL
RF PLL
Si4200 (U623)
ADC
LNA
Mixer
PD
LPF
F205
SAW Filter
F204
EGSM RX
925~960 MHz
(CH62 : 947.4 MHz)
DCS RX
1805~1880 MHz
(CH698 : 1842.4 MHz)
Antenna S/W (U203)
RF Conector (CN1)
DCS TX
1710 ~ 1785 MHz
(CH698 : 1747.4 MHz)
Dual PAM
(U476)
EGSM TX
880 ~ 915 MHz
(CH62 : 902.4 MHz)

4-2-1 RF Transmit Part



4-2-2 RF Receive Part